

Amendments to the Claims

Please amend the claims as follows:

1. (Currently Amended): A pluggable service delivery platform for supporting many devices requesting to many services in an e-business application, characterized by comprising:

a device-platform interface, for accepting device requests issued by devices wherein said device requests are in a representation mode which is adapted for the devices, transforming the device requests into XML requests and then sending the XML requests to a platform kernel section via HTTP protocol, and transforming the XML responses representation of information which is are returned by the platform kernel section into a the representation mode which is adapted for various devices for displaying, said device-platform interface comprising: (1) a common transforming-transcoding section, for transforming various information representation mode transcoding between the representation mode and XML; and (2) special sections for various devices a device dependent component, the device dependent component comprising device type and transmitting protocol information via processing of said special sections and directing to the platform is XML files which can be transmitted via HTTP protocol;

a service-platform interface, for abstracting the common service requirements of various the services as the a common base, providing an adapter for each kind of the services based on the service requirements, the information via processing of said service-platform interface and directing to the platform is XML files which can be transmitted via HTTP protocol the adapter for transforming between service responses issued by the services and the XML responses; and

a platform kernel section, for managing user/device/service user information, device information and service information, providing one of a synchronized/ and an asynchronized service engine and, providing the interfaces with other modules in the platform kernel section, and transferring the information the XML requests and the XML responses among the modules and between services and devices.

2. (Currently Amended): A pluggable service delivery platform according to claim 1, ~~characterized in that~~wherein said platform kernel section further comprises three layers: a run-time layer, an administration layer, and a development layer; ~~and various layers~~the run-time layer, the administration layer and the development layer are associated via a platform API; the run-time layer provides on-line information access, the administration layer is responsible for ~~adding/deleting~~adding and deleting users/devices/servicesthe user information, the device information and the service information, and the development layer provides support to new services and new devices.

3. (Currently Amended): A pluggable service delivery platform according to claim 1, ~~characterized in that~~wherein said platform kernel section further comprises ~~at least: a service engine,~~ a profile manager, a billing interface, and a platform run-status manager.

4. (Currently Amended): A pluggable service delivery platform according to claim 3, ~~characterized in that~~wherein said one of a synchronized and an asynchronized service engines~~service engine~~ may provides synchronized requests based on a session and asynchronized requests based on a queue.

5. (Currently Amended): A pluggable service delivery platform according to claim 3, ~~characterized in that~~wherein said profile manager is used for managing the user information, the services information and the device information.

6. (Currently Amended): A pluggable service delivery platform according to claim 1, ~~characterized in that~~wherein said device-platform interface provides a corresponding gateway for each kind of the devices, for transforming the ~~information representation XML~~XML response into a file format which is adapted for ~~various~~the devices for ~~displaying~~ and transforming among communication protocols based on ~~the~~ script languages of ~~various~~the devices stored in said device ~~profile~~information.

7. (Cancelled).

8. (Currently Amended): A pluggable service delivery platform according to claim 1, ~~characterized in that~~wherein upon the platform running, a new kind of device can be incorporated by adding a ~~kind of~~ gateway in the device-platform interface and adding an item in said device ~~profile information~~ without changing service system at ~~background~~the back-end of the platform.

9. (Currently Amended): A pluggable service delivery platform according to claim 1, ~~characterized in that~~wherein upon the platform running, a new kind of service can be incorporated by adding an ~~kind of~~ adapter in the service-platform interface and adding an item in said service ~~profile information~~ without modifying the programs at the front-end of the platform.